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May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082664 A1

TITLE: System for the detection of urease and method for using same

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Marshall, Barry J.	Dalkeith		AU	
Mendis, Aruni H.W.	Connolly		AU	
Chairman, Simon	Beaconsfield		AU	

US-CL-CURRENT: 435/18

## ABSTRACT:

A system and method for detecting bacterial infections in the gastrointestinal tract is disclosed. In one embodiment, the system includes a first composition separated from a second composition. The first composition contains urea in powdered form. The second composition, on the other hand, contains an indicator. A biopsy of a gastric sample is first contacted with the first composition and then placed in the second composition. The second composition indicates the presence of an enzyme that, in turn, indicates the presence of bacteria. In an alternative embodiment of the present invention, a biopsy of a gastric sample is contacted with a single composition. The composition contains urea in a powdered form combined with a dry indicator. Besides urea and a dry indicator, the composition can also contain an anti-caking agent.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 2. Document ID: US 20030082661 A1

L3: Entry 2 of 4

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082661

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082661 A1

TITLE: Diagnostic testing system and method for detecting helicobacter pylori

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McMichael, Donald J.	South Jordan	UT	US	
Peterson, Kristy	Salt Lake City	UT	US	
Marshall, Barry J.	Dalkeith		AU	
Mendis, Aruni H. W.	Connolly		AU	
Chairman, Simon	Beaconsfield		AU	

US-CL-CURRENT: 435/12

## ABSTRACT:

A system and method for detecting bacterial infections in the gastrointestinal tract is disclosed. The system includes a carrier having a first well and a second well. A first composition is disposed in the first well and contains urea in powdered form. A second composition is disposed in a second well and contains an indicator. A biopsy of a gastric sample is manipulated with a specimen-handling tool and is first contacted with the first composition and then placed in the second composition. The second composition indicates the presence of an enzyme, which, in turn, indicates the presence of bacteria.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC
Draw	Desc	Image									

☐ 3. Document ID: US 20030077684 A1

L3: Entry 3 of 4

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077684

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077684 A1

TITLE: Composition for the detection of gastrointestinal disorders

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Marshall, Barry J.	Dalkeith		AU	
Mendis, Aruni H.W.	Connolly		AU	
Chairman, Simon	Beaconsfield		AU	

US-CL-CURRENT: 435/18

## ABSTRACT:

A system and method for detecting bacterial infections in the gastrointestinal tract is disclosed. In one embodiment, the system includes a first composition separated from a second composition. The first composition contains urea in powdered form. The second composition, on the other hand, contains an indicator. A biopsy of a gastric sample is first contacted with the first composition and then placed in the second composition. The second composition indicates the presence of an enzyme that, in turn, indicates the presence of bacteria. In an alternative embodiment of the present invention, a biopsy of a gastric sample is contacted with a single composition. The composition contains urea in a powdered form combined with a dry indicator. Besides urea and a dry indicator, the composition can also contain an anti-caking agent.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC
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☐ 4. Document ID: US 20030077680 A1

L3: Entry 4 of 4

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077680

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077680 A1

TITLE: Method for the detection of urease and method for using same

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Marshall, Barry J.	Dalkeith		AU	
Mendis, Aruni H.W.	Connolly		AU	
Chairman, Simon	Beaconsfield		AU	

US-CL-CURRENT: 435/12

## ABSTRACT:

A system and method for detecting bacterial infections in the gastrointestinal tract is disclosed. In one embodiment, the system includes a first composition separated from a second composition. The first composition contains urea in powdered form. The second composition, on the other hand, contains an indicator. A biopsy of a gastric sample is first contacted with the first composition and then placed in the second composition. The second composition indicates the presence of an enzyme that, in turn, indicates the presence of bacteria. In an alternative embodiment of the present invention, a biopsy of a gastric sample is contacted with a single composition. The composition contains urea in a powdered form combined with a dry indicator. Besides urea and a dry indicator, the composition can also contain an anti-caking agent.

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